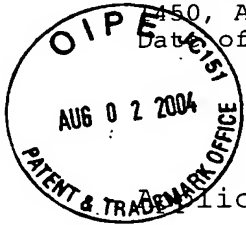


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John T. Pienkos, Reg. No. 42,997



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Barry Gelernt
Application No.: 10/824,865
Filed: April 15, 2004
For: APPARATUS AND METHOD FOR OPTICAL
DATA STORAGE AND RETRIEVAL
Group Art Unit: 2878
Examiner: --
Atty. Docket No.: 112074.00004

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§1.97 AND 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is being presented for filing in the above case pursuant to Rules 97 and 98 of the Rules of Practice. A Form "Information Disclosure Statement by Applicant" is attached which lists the references cited and copies of the references are enclosed.

No additional fees for filing this paper are believed to be due. However, the Commissioner is hereby authorized to charge any additional fees due or to credit any overpayment to deposit account no. 17-0055.

Respectfully submitted,

A handwritten signature, likely of John T. Pienkos, written in dark ink.

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/824,865
Filing Date	April 15, 2004
First Named Inventor	Barry Gelernt
Art Unit	---
Examiner Name	---
Attorney Docket Number	112074.00004

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,638,201	01-25-1972	Borner	
		US- 4,122,551	10-24-1978	Urbach	
		US- 4,598,395	07-01-1986	Smith	
		US- 4,712,887	12-15-1987	Baer	
		US- 5,645,964	07-08-1997	Nohr et al.	
		US- 5,858,586	01-12-1999	Nohr et al.	
		US- 6,028,835	02-22-2000	Thomas	
		US- 6,243,348	06-05-2001	Goodberlet	
		US- 6,369,398	04-09-2002	Gelernt	
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		US- 5,499,282	03-12-1996	Silfvast	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 99/63536	12-09-1999	Massachusetts Institute of Tec		

Examiner
Signature

Date
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Sheet	2
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of 3

Application Number	10/824,865
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Filing Date	April 15, 2004
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First Named Inventor	Barry Gelernt
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Group Art Unit	40-40-0
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Attorney Docket Number	112074.00004
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	10/824,865		
		Filing Date	April 15, 2004		
		First Named Inventor	Barry Gelernt		
		Art Unit	---		
		Examiner Name	---		
Sheet	3	of	3	Attorney Docket Number	112074.00004

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
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		"Hard Disk Recording Aims to Get Perpendicular," Peter Singer, Semiconductor International, September 2002, Volume 25, Number 10, pgs. 50-54.	
		"CD-ROM Technical Summary From Plastic Pits to "Fantasia," Andy Poggio, obtained at <http://pauillac.inria.fr/~lang/hotlist/cdrom/Documents/tech-summary.html>, printed 07/22/04, 7 pgs.	
		"Everything You Wanted To Know About DVD-R. (Technology Information)", Andy Parsons, Computer Technology Review, February 2000, pgs 1-3 and March 2000, pgs. 1-3, obtained at http://www.findarticles.com, printed 7/27/04.	
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		"New Bands In the ND ² Π-α ¹ Δ System; Spectroscopic Constants Of The α ¹ Δ State", W. Cheung, B. Gelernt, and T. Carrington, Chemical Physics Letters, Volume 66, number 2, 10/1/1979, pgs. 287-290.	
		"Optical Data Storage", H. Coufal and G.W. Burr, International Trends in Applied Optics, ch. 26, 2002, pgs. 609-628.	
		"Blue Laser CD Technology", Robert L. Gunshor and Arto V. Nurmikko, Scientific American, July 1996, pgs. 48-51.	
		"121.6 nm radiation source for advanced lithography", Jianxun Yan et al., J. Vac. Science & Technology B, Microelectronics and Nanometer Structures, Volume 20, number 6, Nov/Dec 2002, pgs. 2574-2577.	
		"Prospects for photolithography at 121 nm", V. Liberman et al., J. Vac. Science & Technology B, Microelectronics and Nanometer Structures, Volume 20, number 6, Nov/Dec 2002, pgs. 2565-2573.	

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